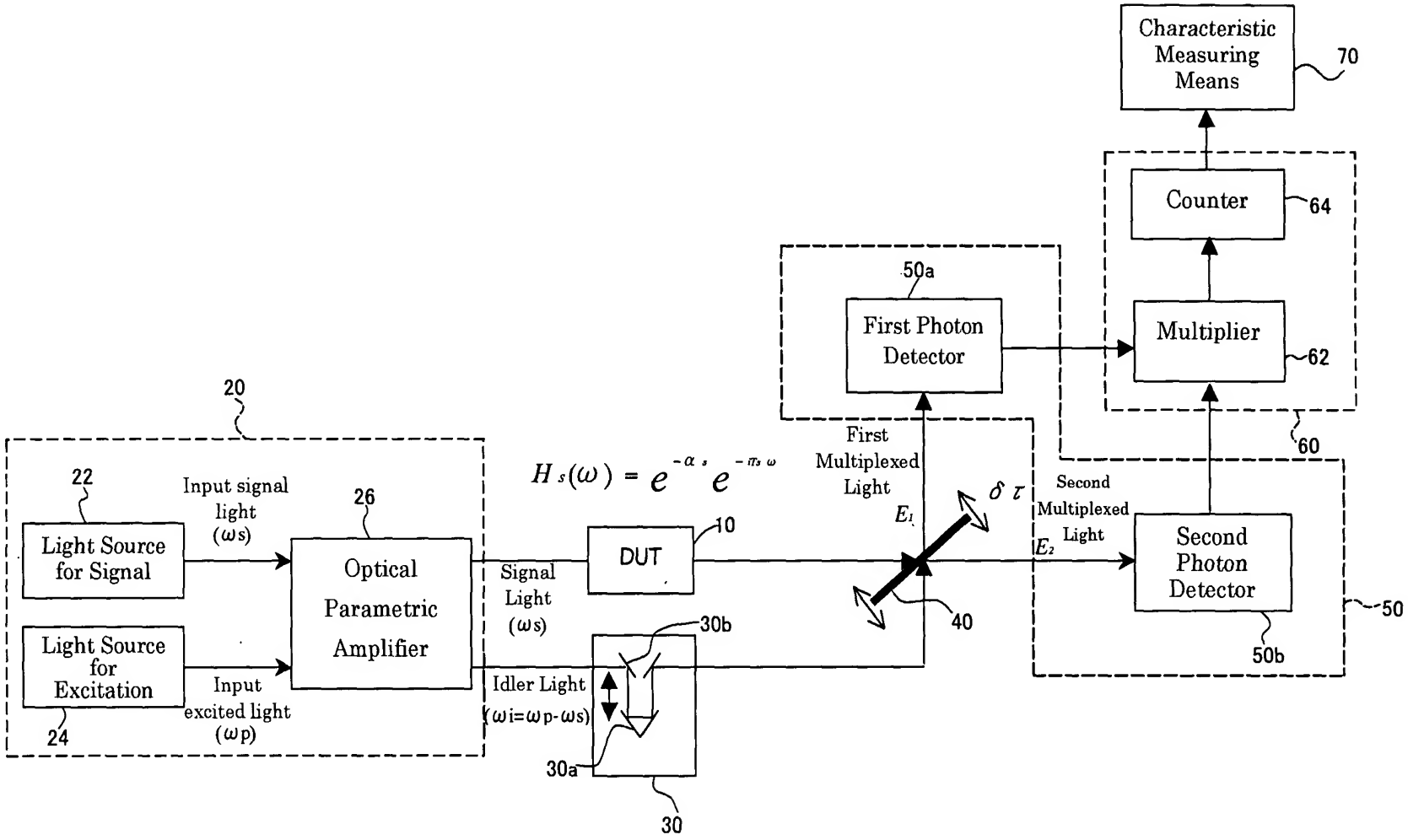


Figure 1

FADT0301US Fig. 1

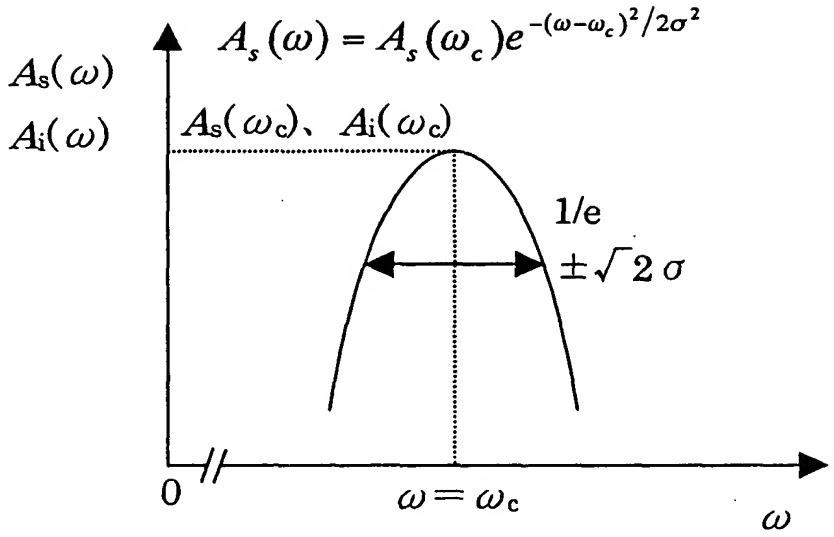

$A_s(\omega) = A_s(\omega_c)e^{-(\omega-\omega_c)^2/2\sigma^2}$
$A_s(\omega)$
$A_i(\omega)$
$A_s(\omega_c)$、 $A_i(\omega_c)$
1/e
$\pm\sqrt{2}\,\sigma$
0
$\omega = \omega_c$
ω

Figure 2

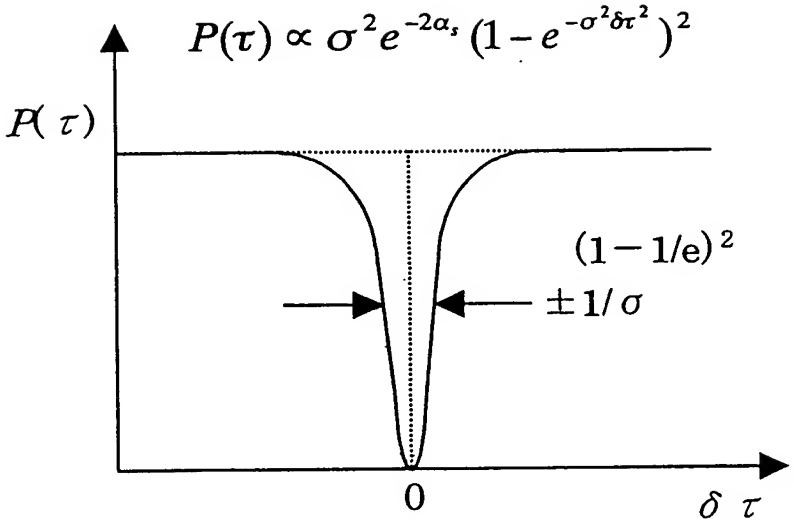

$P(\tau) \propto \sigma^2 e^{-2\alpha_s}(1-e^{-\sigma^2\delta\tau^2})^2$
$P(\tau)$
$(1-1/e)^2$
$\pm 1/\sigma$
0
$\delta\ \tau$

Figure 3

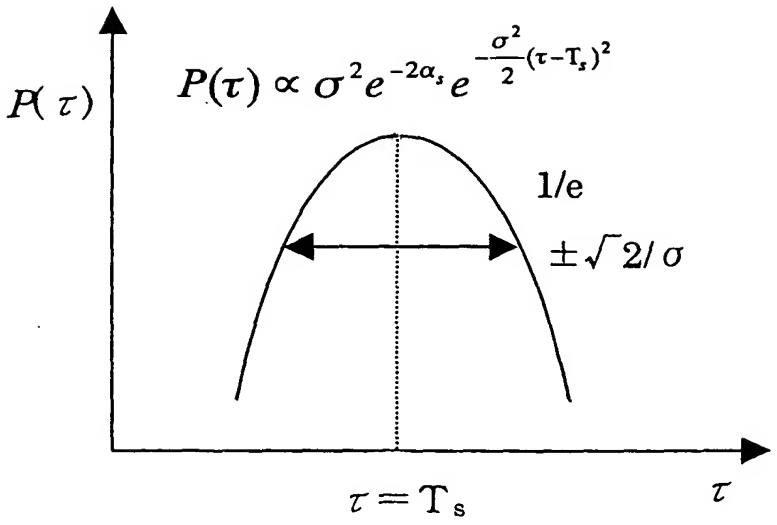

$P(\tau) \propto \sigma^2 e^{-2\alpha_s} e^{-\frac{\sigma^2}{2}(\tau - T_s)^2}$
$P(\tau)$
1/e
$\pm\sqrt{2}/\sigma$
$\tau = T_s$
τ

Figure 4

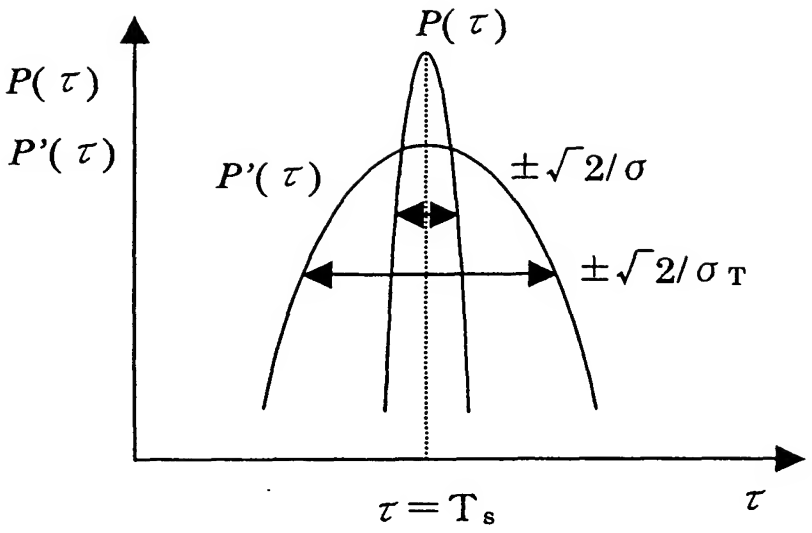
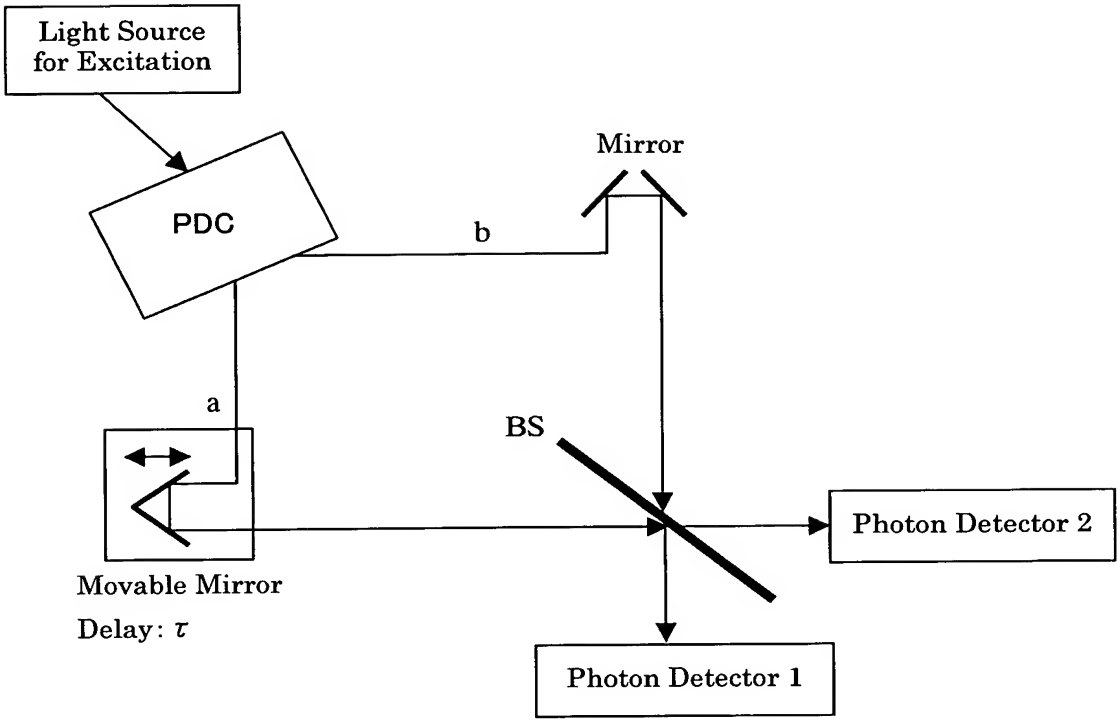


Figure 5



PDC : Parametric down-converter

Figure 6

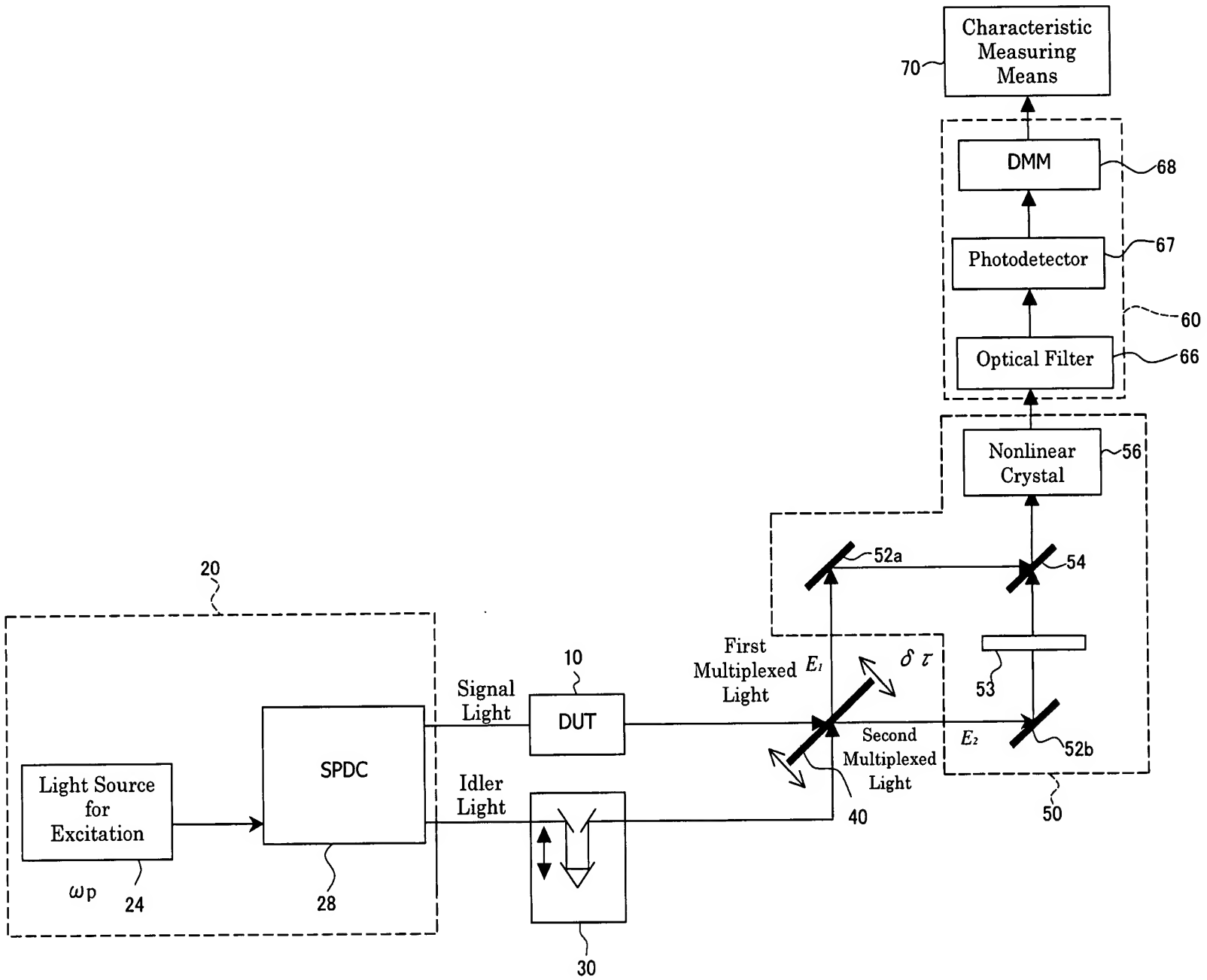


Figure 7

FADT0301US Fig. 7

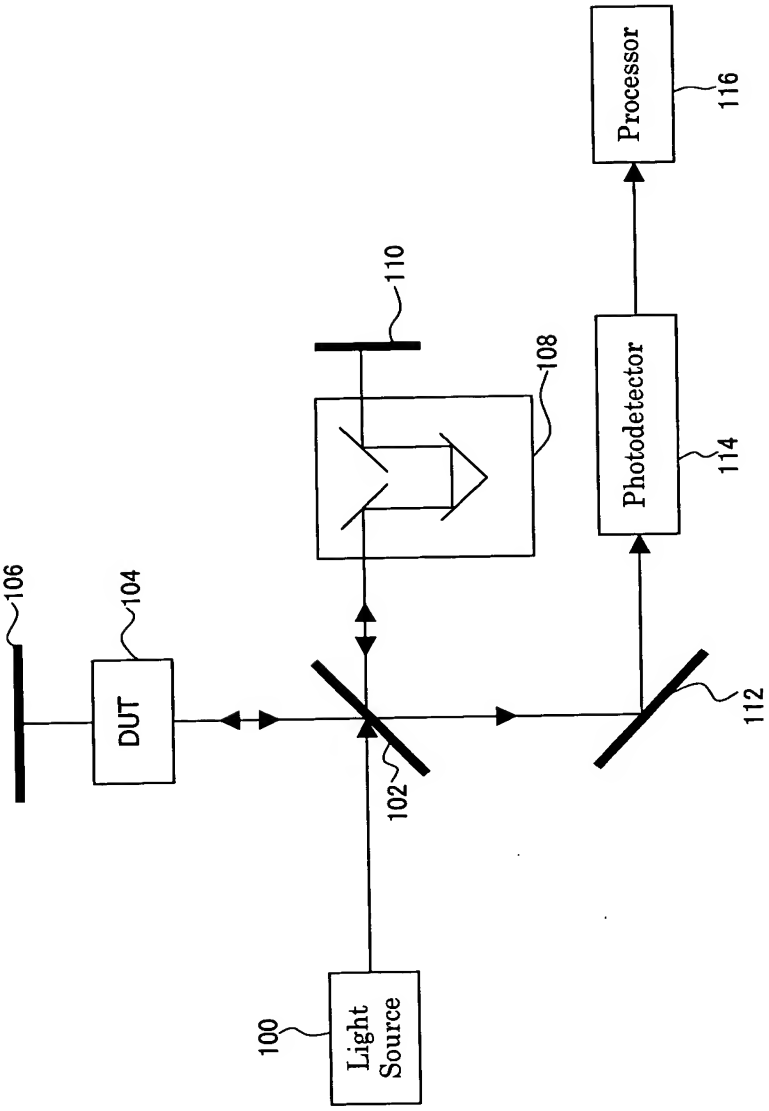

Processor
116
110
108
Photodetector
114
106
104
DUT
112
102
100
Light Source

Figure 8

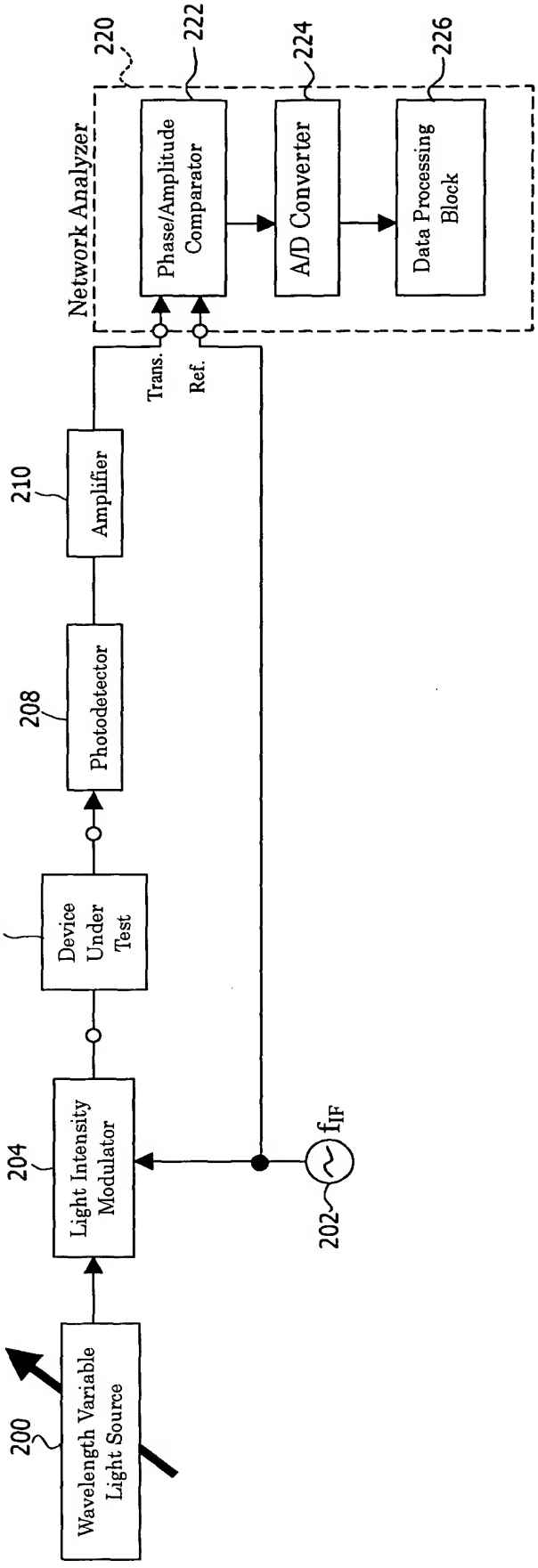


Figure 9

FADT0301 Fig. 9